



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2008
Code: 12411862
SAU: MSAD 47
School: Messalonskee Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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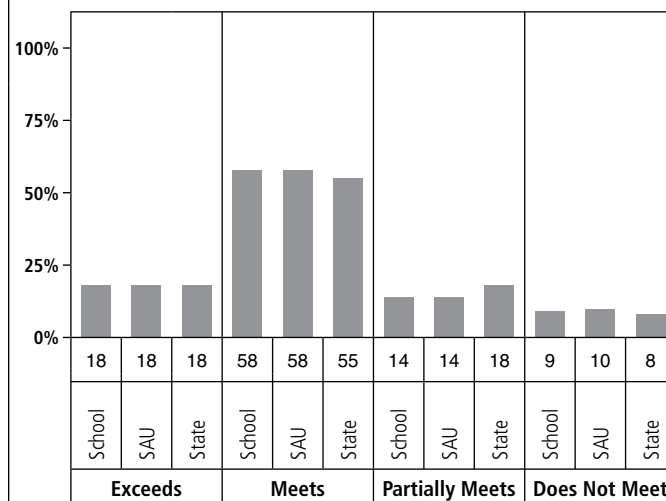
SUMMARY OF SCORES

Test Date: March 2008
Grade: 7
SAU: MSAD 47
School: Messalonskee Middle School

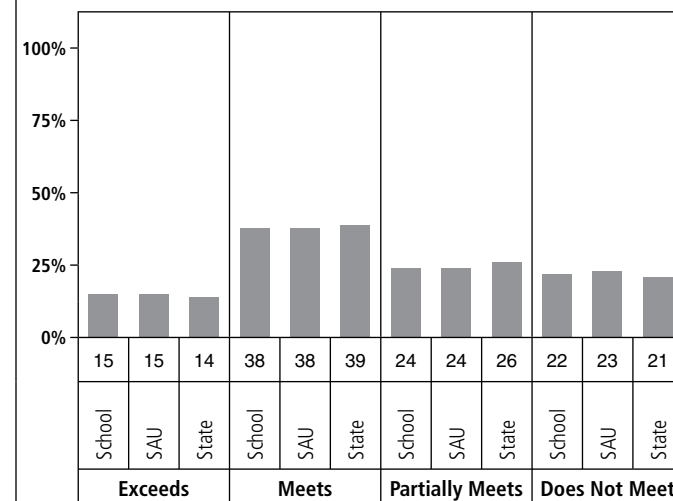
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	745	745	745
2006–2007	748	747	748
2007–2008	750	750	750
Cum. Avg. *	748	747	748
Mathematics			
2005–2006	739	739	740
2006–2007	741	741	742
2007–2008	743	743	743
Cum. Avg. *	741	741	742

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 7
 SAU: MSAD 47
 School: Messalonskee Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	182	100	184	100	14818	100	182	100	184	100	14698	99	182	100	184	100	14694	99												
Ethnicity African American/Black	0	0	0	0	381	3	0	0	0	0	372	98	0	0	0	0	375	99												
American Indian or Native Alaskan	2	1	2	1	113	1	2	100	2	100	112	99	2	100	2	100	112	99												
Asian or Pacific Islander	4	2	4	2	219	1	4	100	4	100	213	97	4	100	4	100	217	99												
Hispanic	0	0	0	0	178	1	0	0	0	0	176	99	0	0	0	0	177	100												
Caucasian/White	176	97	178	97	13927	94	176	100	178	100	13825	99	176	100	178	100	13813	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	32	18	34	18	2556	17	32	100	34	100	2508	99	32	100	34	100	2497	98												
Current LEP	1	1	1	1	363	2	1	100	1	100	352	97	1	100	1	100	360	99												
Economically disadvantaged	56	31	56	30	5461	37	56	100	56	100	5408	99	56	100	56	100	5406	99												
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	157	86	157	85	12195	82	157	86	157	85	12215	82												
Identified disability (PET/IEP)	11	7	11	7	418	3	11	7	11	7	421	3												
LEP	1	1	1	1	183	2	1	1	1	1	183	1												
504 plan	1	1	1	1	181	1	1	1	1	1	182	1												
Participation with accommodations	23	13	25	14	2320	16	23	13	25	14	2303	16												
Identified disability (PET/IEP)	19	83	21	84	1912	82	19	83	21	84	1900	83												
LEP	0	0	0	0	159	7	0	0	0	0	173	8												
504 plan	1	4	1	4	56	2	1	4	1	4	55	2												
Other	3	13	3	12	244	11	3	13	3	12	226	10												
Participation through alternate assessment (PAAP)	2	1	2	1	178	1	2	1	2	1	176	1												
Identified disability (PET/IEP)	2	100	2	100	178	100	2	100	2	100	176	100												
LEP	0	0	0	0	5	3	0	0	0	0	4	2												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	27	0	0	0	0	0	28	0												
Non-participation – other	0	0	0	0	93	1	0	0	0	0	96	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 7
SAU: MSAD 47
School: Messalonskee Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	16	8	15	8	1769	11
	2006-2007	33	16	31	16	2630	18
	2007-2008	33	18	33	18	2604	18
	Cum. Total*	82	14	79	14	7003	16
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	104	54	98	54	7521	49
	2006-2007	102	50	98	50	7605	51
	2007-2008	104	58	105	58	8049	55
	Cum. Total*	310	54	301	54	23175	52
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	50	26	47	26	3773	24
	2006-2007	49	24	46	24	3000	20
	2007-2008	26	14	26	14	2672	18
	Cum. Total*	125	22	119	21	9445	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	24	12	23	13	2399	16
	2006-2007	19	9	20	10	1620	11
	2007-2008	17	9	18	10	1190	8
	Cum. Total*	60	10	61	11	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	35.5	63.4	35.3	63.0	35.3	63.0
Literary Text	28	50	17.4	62.1	17.3	61.8	17.3	61.8
Informational Text	28	50	18.1	64.6	18.0	64.3	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
Grade: 7
SAU: MSAD 47
School: Messalonskee Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	180	33	18	104	58	26	14	17	9	750	182	18	58	14	10	750	14515	18	55	18	8	750
Ethnicity																						
African American/Black	0										0						365	10	49	19	22	742
American Indian or Native Alaskan	2										2						110	6	52	24	18	744
Asian or Pacific Islander	4										4						211	26	47	20	6	752
Hispanic	0										0						173	12	54	18	15	746
Caucasian/White	174	29	17	103	59	26	15	16	9	750	176	16	59	15	10	750	13656	18	56	18	8	750
Not Reported	0										0						0					
Identified disability																						
Yes	30	0	0	6	20	11	37	13	43	733	32	0	22	34	44	733	2330	2	30	36	32	735
No	150	33	22	98	65	15	10	4	3	754	150	22	65	10	3	754	12185	21	60	15	4	753
Current LEP																						
Yes	1										1						342	8	46	22	24	741
No	179	32	18	104	58	26	15	17	9	750	181	18	58	14	10	750	14173	18	56	18	8	750
Economically disadvantaged																						
Yes	55	8	15	26	47	12	22	9	16	745	55	15	47	22	16	745	5299	9	51	26	14	745
No	125	25	20	78	62	14	11	8	6	752	127	20	62	11	7	752	9216	23	58	14	5	753
Migrant																						
Yes	0										0						1					
No	180	33	18	104	58	26	14	17	9	750	182	18	58	14	10	750	14514	18	55	18	8	750
Gender																						
Female	79	21	27	45	57	8	10	5	6	753	81	26	57	10	7	753	7084	24	55	15	6	752
Male	101	12	12	59	58	18	18	12	12	748	101	12	58	18	12	748	7431	12	56	21	11	747
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	6	47	34	12	743
No	180	33	18	104	58	26	14	17	9	750	182	18	58	14	10	750	13569	19	56	17	8	750
Gifted/talented program																						
Yes	4										4						574	61	38	1	0	765
No	176	30	17	103	59	26	15	17	10	750	178	17	58	15	10	749	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 7
SAU: MSAD 47
School: Messalonskee Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	22 50 24 4	3 20 9 1	8 22 21 14	25 51 24 4	63 57 56 57	3 15 7 1	8 17 16 14	9 4 3 1	23 4 7 14	746 751 752 748	22 50 24 4	8 22 20 14	63 56 57 57	8 16 16 14	23 5 7 14	746 751 752 748	6 50 40 4	9 17 20 19	42 56 58 49	24 19 16 21	25 8 6 11	741 750 752 749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	27 56 13 4	12 19 2 0	25 19 8 0	26 63 14 1	54 63 58 13	6 13 3 4	13 13 13 50	4 5 5 3	8 5 21 38	752 751 747 734	26 55 13 5	25 19 8 0	54 63 58 11	13 13 13 44	8 5 21 44	752 751 747 732	36 50 11 3	24 16 13 4	58 58 45 35	14 19 26 29	5 8 16 31	753 749 745 737
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	31 52 16 1	17 16 0 0	31 17 0 0	30 52 20 2	55 55 69 100	5 17 4 0	9 18 14 0	3 9 5 0	5 10 17 0	756 749 743 752	31 52 16 2	30 17 0 0	55 55 69 67	9 18 14 0	5 10 17 33	756 749 743 739	28 52 18 2	35 15 3 2	52 60 49 41	9 18 33 28	5 7 15 29	756 750 742 738
How difficult was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	25 57 18	4 22 7	9 22 21	25 62 17	57 61 52	10 13 3	23 13 9	5 5 6	11 5 18	747 752 750	25 57 18	9 21 21	56 61 52	22 13 9	13 5 18	746 752 750	16 65 19	13 18 21	48 57 57	23 18 16	16 7 6	745 750 752
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	12 56 31	1 16 15	5 16 27	10 61 33	45 61 60	4 18 3	18 18 5	7 5 4	32 5 7	740 750 754	13 56 31	4 16 27	43 61 60	17 18 5	35 5 7	739 750 754	9 55 36	5 14 28	38 57 58	29 22 10	28 7 4	738 748 755
How hard did you try on the reading part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	40 58 3	14 18 1	20 18 20	38 62 3	54 61 60	12 14 0	17 14 0	6 8 1	9 8 20	749 751 747	40 58 3	20 17 20	54 61 60	17 14 0	10 8 20	749 751 747	44 51 5	18 19 9	56 56 46	18 17 26	8 7 19	750 751 743
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	11 42 10 37	7 16 3 7	35 21 17 10	11 40 10 43	55 53 56 64	1 12 4 9	5 16 22 13	1 7 1 8	5 9 6 12	756 751 750 747	11 42 10 37	35 21 17 10	55 53 56 64	5 16 22 13	5 10 6 12	756 751 750 747	17 45 13 24	25 22 14 8	57 56 56 53	13 16 21 26	6 6 9 13	753 752 748 745
Optional school/SAU question A. B. C. D.	50 0 50 0	0 0 0	0 0 0	1 0 0	100 0 0	0 0 0	0 0 0	0 1 100	0 100 726	750 726 726	50 0 50 0	0 0 0	100 0 0	0 0 100	0 100 726	750 726 726	 	 	 	 	 	

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 7
SAU: MSAD 47
School: Messalonskee Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	18	9	18	10	1646	11
	2006-2007	35	17	34	17	2142	14
	2007-2008	27	15	27	15	2028	14
	Cum. Total*	80	14	79	14	5816	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	61	31	56	31	5497	36
	2006-2007	60	30	56	29	5642	38
	2007-2008	69	38	69	38	5703	39
	Cum. Total*	190	33	181	32	16842	38
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	61	31	57	31	4514	29
	2006-2007	57	28	55	28	4077	27
	2007-2008	44	24	44	24	3733	26
	Cum. Total*	162	28	156	28	12324	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	54	28	52	28	3797	25
	2006-2007	51	25	50	26	3001	20
	2007-2008	40	22	42	23	3054	21
	Cum. Total*	145	25	144	26	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	8.9	55.6	8.8	55.0	8.8	55.0
Cluster 2: Shape and Size	14	25	5.3	37.9	5.2	37.1	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	3.4	42.5	3.4	42.5	3.5	43.8
Cluster 4: Patterns	18	32	8.4	46.7	8.3	46.1	7.9	43.9

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: MSAD 47
 School: Messalonskee Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	180	27	15	69	38	44	24	40	22	743	182	15	38	24	23	743	14518	14	39	26	21	743
Ethnicity																						
African American/Black	0										0						372	5	24	25	45	731
American Indian or Native Alaskan	2										2						110	5	30	36	29	736
Asian or Pacific Islander	4										4						216	25	34	23	18	748
Hispanic	0										0						175	9	32	30	29	737
Caucasian/White	174	24	14	68	39	43	25	39	22	743	176	14	39	24	23	742	13645	14	40	26	20	743
Not Reported	0										0						0					
Identified disability																						
Yes	30	0	0	3	10	6	20	21	70	724	32	0	9	19	72	722	2321	2	16	26	55	727
No	150	27	18	66	44	38	25	19	13	747	150	18	44	25	13	747	12197	16	44	26	15	746
Current LEP																						
Yes	1										1						356	7	23	24	45	731
No	179	26	15	69	39	44	25	40	22	743	181	14	38	24	23	743	14162	14	40	26	20	743
Economically disadvantaged																						
Yes	55	4	7	17	31	14	25	20	36	737	55	7	31	25	36	737	5301	5	31	31	33	736
No	125	23	18	52	42	30	24	20	16	746	127	18	41	24	17	745	9217	19	44	23	14	747
Migrant																						
Yes	0										0						1					
No	180	27	15	69	38	44	24	40	22	743	182	15	38	24	23	743	14517	14	39	26	21	743
Gender																						
Female	79	12	15	31	39	23	29	13	16	744	81	15	38	28	19	743	7086	14	40	26	20	743
Male	101	15	15	38	38	21	21	27	27	743	101	15	38	21	27	743	7432	14	38	25	22	743
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	4	23	36	37	733
No	180	27	15	69	38	44	24	40	22	743	182	15	38	24	23	743	13572	15	40	25	20	743
Gifted/talented program																						
Yes	4										4						575	64	31	3	1	765
No	176	23	13	69	39	44	25	40	23	742	178	13	39	25	24	742	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 7
SAU: MSAD 47
School: Messalonskee Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	22	1	3	19	48	9	23	11	28	739	22	3	48	23	28	739	6	7	29	26	37	734
B. less than one hour	50	12	13	34	38	23	26	21	23	743	50	13	37	25	24	742	50	13	39	26	22	742
C. one to two hours	24	13	30	12	28	10	23	8	19	747	24	30	27	23	20	746	40	15	42	26	17	744
D. more than two hours	4	1	14	4	57	2	29	0	0	747	4	14	57	29	0	747	4	16	37	23	24	742
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	34	11	18	26	43	13	21	11	18	746	34	18	43	21	18	746	32	21	40	23	16	747
B. They match some of what I have learned.	46	10	12	34	41	24	29	14	17	743	45	12	41	29	17	743	50	12	42	27	19	743
C. They match just a little of what I have learned.	15	5	19	8	31	5	19	8	31	741	15	19	30	19	33	740	15	7	32	31	30	737
D. There is no match.	6	1	10	1	10	2	20	6	60	729	6	9	9	18	64	727	3	4	17	21	58	726
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	33	19	33	20	34	8	14	11	19	749	32	33	34	14	19	749	25	34	42	13	11	753
B. good	49	8	9	39	44	26	30	15	17	743	49	9	44	29	18	742	47	10	45	27	18	743
C. fair	16	0	0	8	29	9	32	11	39	734	16	0	29	32	39	734	23	3	30	36	32	735
D. poor	2	0	0	2	50	0	0	2	50	736	3	0	40	0	60	728	5	1	17	32	49	729
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	35	4	6	23	37	19	30	17	27	739	36	6	35	29	29	738	36	6	38	29	27	738
B. about the same as my regular schoolwork	46	6	7	37	46	23	28	15	19	743	45	7	46	28	19	743	53	13	42	27	18	744
C. easier than my regular schoolwork	19	17	50	8	24	2	6	7	21	752	19	50	24	6	21	752	11	40	32	15	13	753
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	42	10	13	26	35	20	27	19	25	742	42	13	34	26	26	741	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	54	15	16	40	42	24	25	17	18	745	54	15	41	25	19	744	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	3	1	17	2	33	0	0	3	50	735	3	17	33	0	50	735	5	10	27	27	36	736
How often do you use laptops in mathematics class?																						
A. almost every day	3	0	0	0	0	1	20	4	80	718	3	0	0	20	80	718	9	15	37	25	23	742
B. two or three days a week	6	1	10	4	40	2	20	3	30	740	6	9	36	18	36	736	20	13	41	26	20	743
C. two or three times each month	38	13	19	24	35	18	26	13	19	745	38	19	35	26	19	745	30	15	40	27	18	744
D. never or almost never	54	13	14	40	42	23	24	20	21	743	54	13	41	24	22	743	41	13	39	26	23	742
How often do you use calculators in mathematics class?																						
A. almost every day	5	4	44	2	22	0	0	3	33	747	5	44	22	0	33	747	20	17	39	23	22	744
B. two or three days a week	14	12	46	5	19	4	15	5	19	751	14	46	19	15	19	751	29	16	40	25	19	744
C. two or three times a month	24	7	16	17	40	8	19	11	26	744	24	16	40	19	26	744	26	13	40	28	20	743
D. never or almost never	57	4	4	45	44	32	31	21	21	740	57	4	43	31	22	740	24	10	39	27	24	740
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	6	0	0	2	18	1	9	8	73	724	6	0	18	9	73	724	8	7	32	26	35	736
B. 30–45 minutes	32	4	7	19	33	15	26	20	34	738	33	7	32	25	36	737	41	12	38	27	23	741
C. 45–60 minutes	58	20	19	45	44	26	25	12	12	748	57	19	43	25	13	747	41	17	42	24	16	745
D. more than 60 minutes	4	2	29	3	43	2	29	0	0	750	4	29	43	29	0	750	10	15	38	25	22	743
Optional school/SAU question																						
A.	50	0	0	1	100	0	0	0	0	748	50	0	100	0	0	748						
B.	0										0											
C.	50	0	0	0	0	0	0	1	100	720	50	0	0	0	100	720						
D.	0										0											